

Claims

What is claimed is:

5 1. A quick connect/quick release ceiling electrical connection system which allows a quick, easy, and less cumbersome, installation of a ceiling fan or light fixture to an electric outlet box located on the ceiling, the connection system comprising:

 a top canopy attachable to a ceiling electrical utility box, the top canopy comprising one half of a male-female electrical connector mounted on a normally extended spring in
10 the top canopy, the electrical connector having a downwardly facing interconnecting portion and an upwardly facing wired connection to a power supply, and a downwardly facing circular fixture receiving opening in the top canopy, the fixture receiving opening having at least a pair of upwardly ramped grooves on opposing sides of the fixture receiving opening, each of the ramped grooves terminating in a downwardly extending
15 drop lock notch;

 a bottom canopy supporting a hanging electrical fixture, the bottom canopy comprising a circular connecting ring having at least one pair of protruding tabs on opposing sides of the connecting ring, the protruding tabs capable of engaging the ramped grooves and the drop lock notch of the top canopy to interconnect the two
20 canopies, and the other half of the male-female electrical connector attached to the mating canopy with an upwardly facing interconnecting portion protruding above the canopy so that the interconnecting portions of the electrical connectors are capable of mutually engaging and interconnecting prior to contact of the protruding tabs with the

ramped grooves and the spring capable of allowing the two halves of the male-female electrical connectors to engage and move upwardly while the tabs ride in the ramped grooves, and a downwardly facing wired connection to the electrical fixture so that attaching the two canopies together automatically connects the electrical fixture to the

5 power supply.

2. The connection system of claim 1 wherein the electrical fixture is a hanging light fixture.

10 3. The connection system of claim 1 wherein the electrical fixture is a hanging fan fixture.

4. The connection system of claim 1 wherein the electrical fixture is a combination hanging light fixture and fan.

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